

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WF9XKA

(Call Sign)

XT MO

(Class of Station)

0740-EX-ST-2011

(File Number)

NAME Cosmogia Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

The 2.4 GHz ISM transceiver will be the primary communications link for the mission, sending payload and telemetry data down to the main ground station sites. The 145.825 MHz beacon will

Station Locations

- (1) MOBILE: Low Earth Orbit, approximately 300 km circular
- (2) MOBILE: Low Earth Orbit, approximately 300 km circular

Frequency Information

MOBILE: Low Earth Orbit, approximately 300 km circular

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.4016-2.4776 GHz	MO	280KF1D	3.2 W (ERP)	0.0003 %

This authorization effective February 27, 2012 and
will expire 3:00 A.M. EST August 28, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Low Earth Orbit, approximately 300 km circular

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
145.825 MHz	MO	15K0F2D	1 W (ERP)	0.0005 %

Special Conditions:

- (1) Licensee shall coordinate with ORBCOMM to ensure no interference is caused in the band 148-150 MHz.